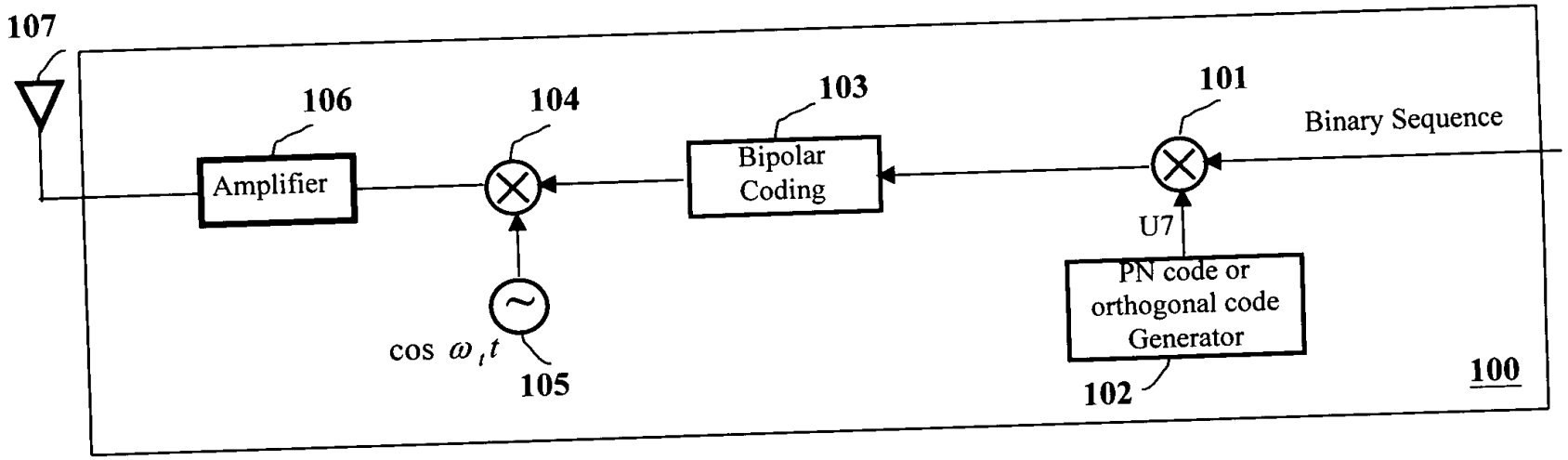
107
106
104
103
101
Binary Sequence
Amplifier
Bipolar
Coding
U7
PN code or
orthogonal code
Generator
cos $\omega_t t$
105
102
100

Fig. 1

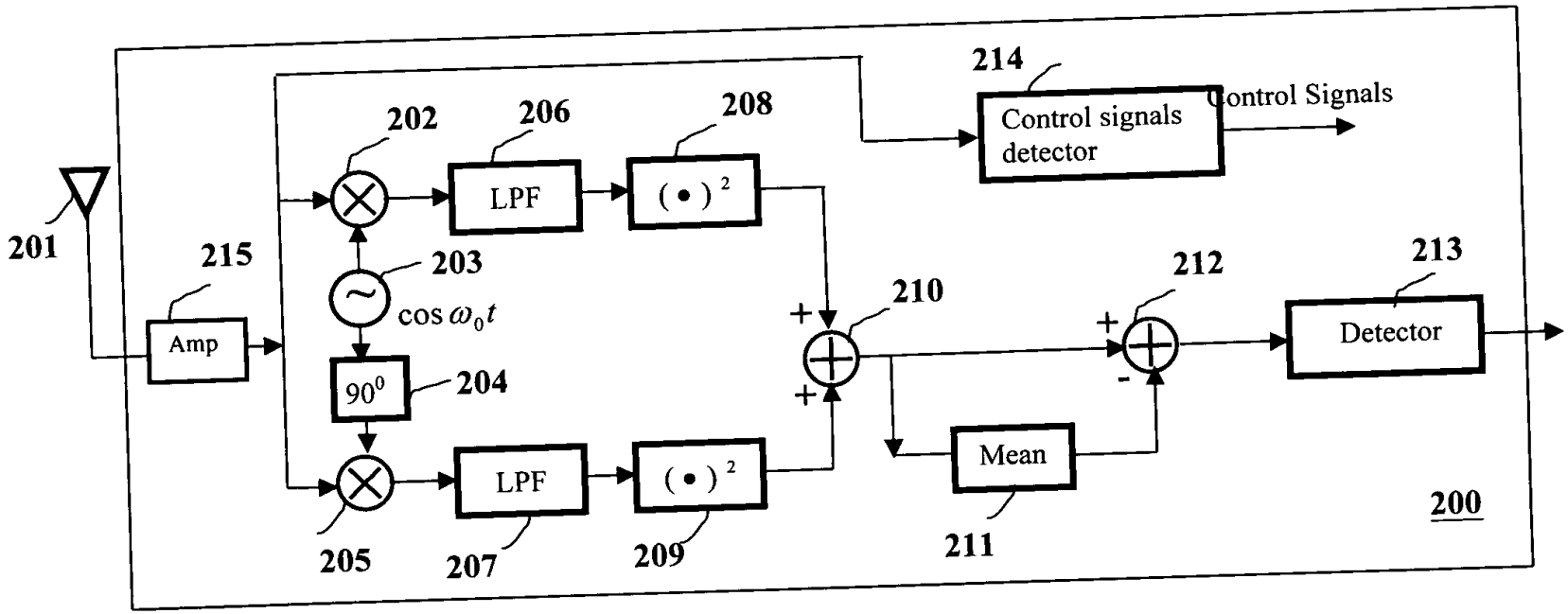
201
215
Amp
202
206
208
LPF
$(\bullet)^2$
203
$\cos \omega_0 t$
90^0
204
205
207
209
LPF
$(\bullet)^2$
210
212
213
Detector
Mean
211
214
Control signals detector
Control Signals
200

Fig. 2

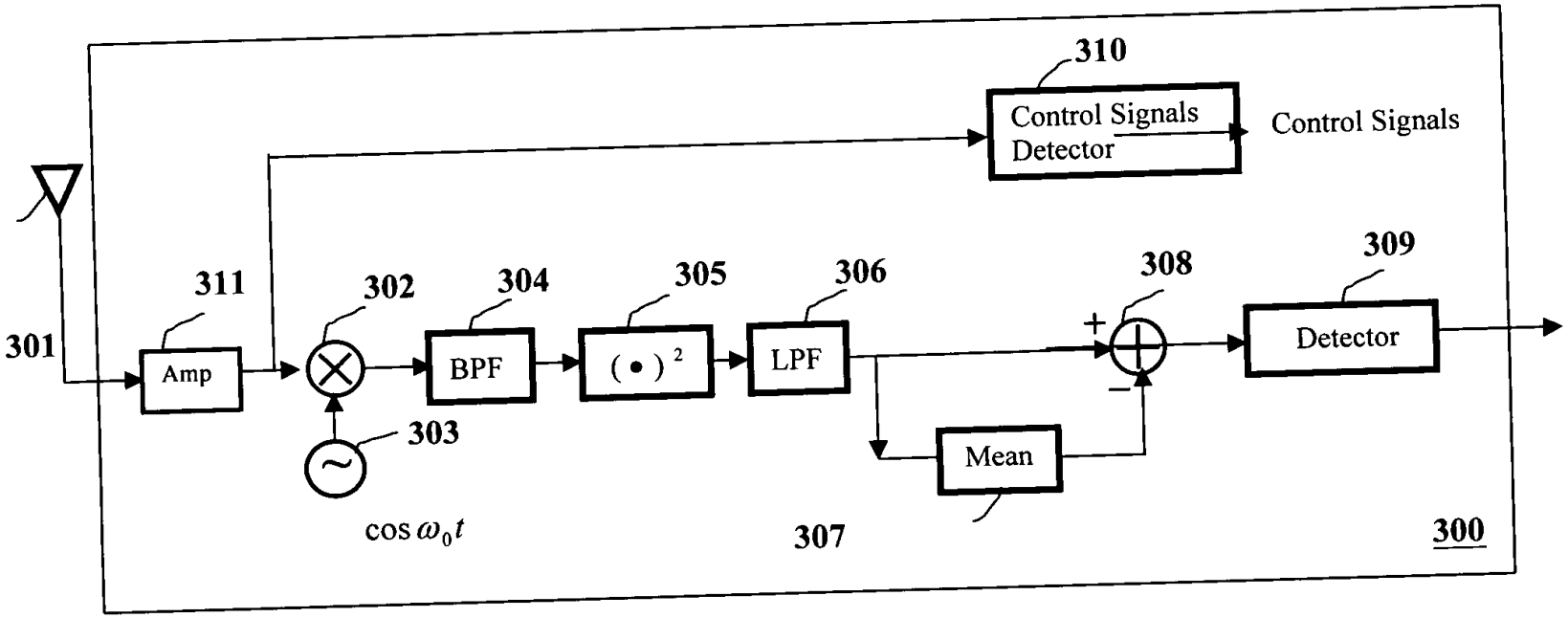
310
Control Signals Detector
Control Signals
311
302
304
305
306
308
309
301
Amp
BPF
(•) 2
LPF
+
−
Detector
303
Mean
cos ω0t
307
300

Fig. 3

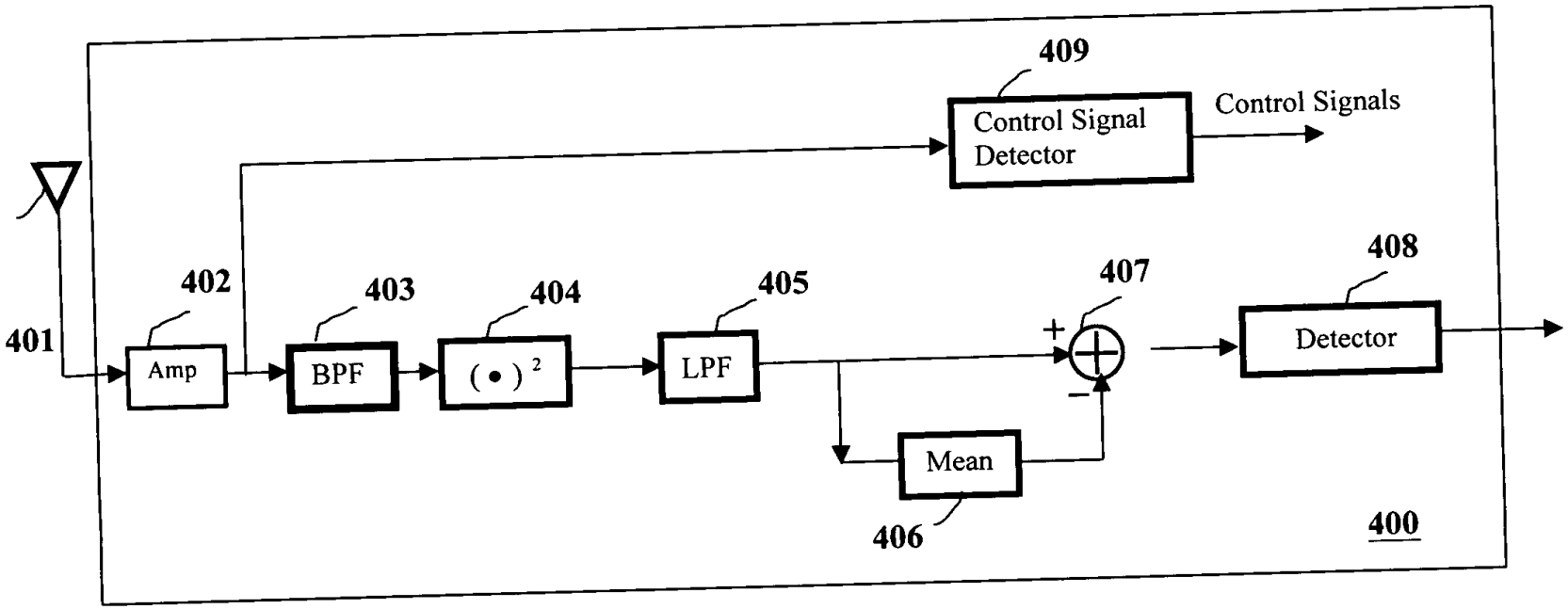
409
Control Signal Detector
Control Signals
401
402
Amp
403
BPF
404
(•) 2
405
LPF
407
+
−
408
Detector
Mean
406
400

Fig. 4

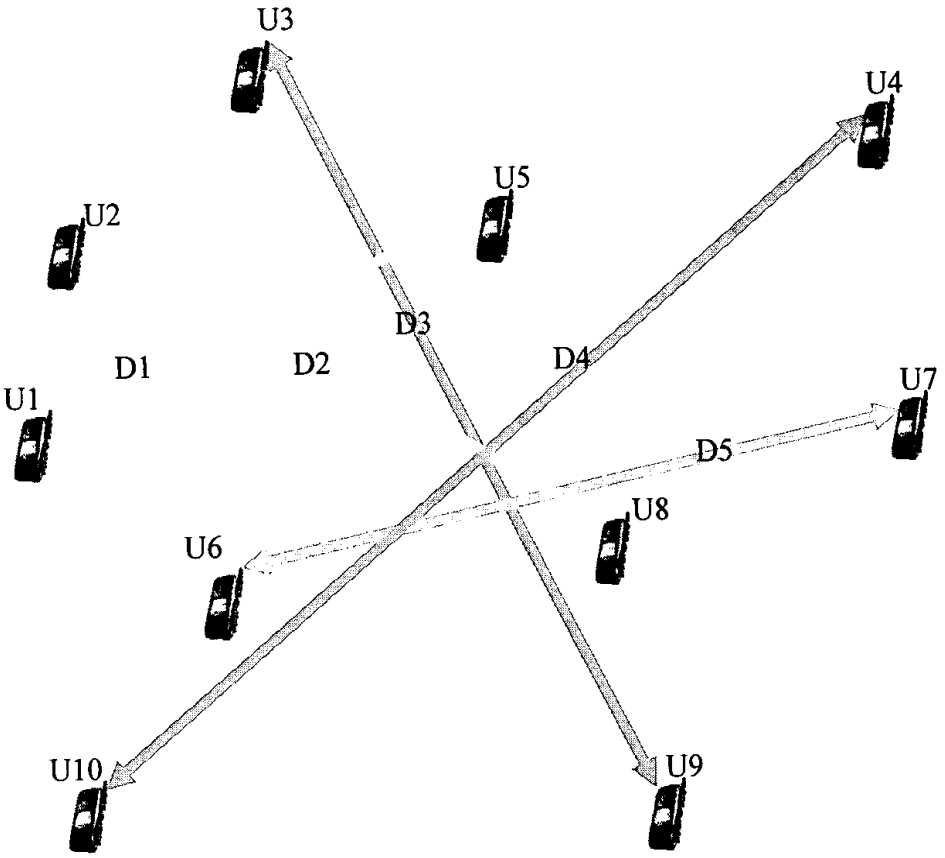

Fig. 5